

California Marine Life Protection Act Initiative
Summary of MPAs, Goals and Objectives, and Species Likely to Benefit in
Initiative Staff Package S (February 22, 2006)
Revised March 6, 2006

| MPA Name | Regulations | Regional Goals/Objectives MPA Contributes Toward | MPA-Specific Objectives (with focus on most relevant regional goals and objectives for that MPA) | Species Likely to Benefit |
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| Año Nuevo State Marine Reserve | No take. | Goal 1 – Obj. 1-5 Goal 2 – Obj. 1, 2 Goal 3 – Obj. 1, 2 Goal 4 – Obj. 2 Goal 5 – Obj. 1 | <p>Protect representative intertidal and subtidal habitats, including rocky intertidal, sandy beaches, upwelling center, shallow and mid-depth rock and sand, representative of region north of Monterey Bay (Goal 1, Objective 2; Goal 4, Objective 2)</p> <p>Maintain natural abundance and diversity of intertidal and nearshore species characteristic of upwelling center in subregion north of Monterey Bay. (Goal 1, Objectives 1,3,4,5)</p> <p>Maintain natural size/age structure of depleted populations of red/black abalone and species of nearshore rockfish (indicator species TBD). (Goal 2 , Objective 1 and 2)</p> <p>Protect natural trophic structure and food webs including forage species like squid and other coastal pelagic species that serve as prey for other fish, seabirds and marine mammals. (Goal 1, Objectives 4 and 5)</p> <p>Reduce disturbance to breeding colonies of listed seabirds and marine mammal rookeries from activities associated with fishing vessels (lights, noise, etc). (Goal 2, Objective. 1)</p> <p>Promote visitor education of the importance of rocky intertidal and nearshore ecosystems through interpretive materials (Goal 3, Objective 1)</p> <p>Reduce potential socio-economic impacts to fishing associated with SMR that meets MPF Science guidelines (Goal 5, Objective 1)</p> | <p>Ashy storm petrel, Brandt's Cormorant, Brown pelican, Cassin's auklet, Marbled Murrelets, Pelagic cormorant, Pigeon guillemot, Rhinoceros auklet, Western gull.</p> <p>Southern sea otter, Steller's sea lion, harbor seal.</p> <p>Dungeness crab, limpets, little neck clams, moon snails, mussels, rock scallop, sea hares, sea stars, turban snails, worms, black and red abalone.</p> <p>Resident nearshore fish species and those with limited movement patterns such as: lingcod, black, black-and-yellow, blue, brown, copper, grass, gopher, kelp, and olive rockfish; kelp greenling, cabezon, monkeyface prickleback, California halibut</p> |
| Natural | No take. | Goal 1 – Obj. 1, 3 and | Protect rocky intertidal, sand beach, and surfgrass habitats | Various intertidal algal species. |

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| Bridges State Marine Reserve | | 5 Goal 2 – Obj. 2 Goal 3 – Obj. 1-3 Goal 4 – Obj. 2 Goal 5 – Obj. 1 | <p>typical of subregion north of Monterey Bay (Goal 4, Obj. 2)</p> <p>Protect natural diversity, abundance, and size structure of intertidal and shallow subtidal species characteristic of region north of Monterey Bay. (Goal 1, Objectives 1 and 3; Goal 2, Objective 2)</p> <p>Enhance educational/research use of accessible intertidal area by siting SMR adjacent to two state parks and University of California, Santa Cruz. (Goal 3, Objectives 1-3)</p> <p>Replicate intertidal habitat found in SMR at Año Nuevo and in open/unprotected area at Sand Hill Bluff (where existing monitoring site exists). (Goal 3, Objective 2)</p> | Limpets, little neck clams, moon snails, mussels, rock scallop, sea hares, sea stars, turban snails, worms. |
| Elkhorn Slough State Marine Reserve | No take. | Goal 1 – Obj. 1-5 Goal 2 – Obj. 1, 2 Goal 3 – Obj. 1, 2 Goal 4 – Obj. 1 Goal 5 – Obj. 1 | <p>Protect rare estuarine habitats – open channel, tidal flats, eelgrass beds, and coastal marsh representative of the study region within SMR. (Goal 1, Objectives 1, 2, 4 and 5; Goal 4, Objective 1):</p> <p>Protect natural age, size structure, and genetic diversity of fish and invertebrate species characteristic of estuarine ecosystems and food webs – especially elasmobranchs (nursery) and native gaper clams and fat innkeeper worms. (Goal 1, Objectives 3 and 4; Goal 2, Objective 1)</p> <p>Enhance reproductive capacity of both invertebrate and fish species by prohibiting take in important nursery area. (Goal 2, Objective 2)</p> <p>Expand educational and research opportunities in fully protected estuarine SMR using educational & interpretive facilities of the NERR and near Moss Landing Marine Labs and MBARI. (Goal 3, Objectives 1 and 2)</p> | <p>Crabs, ghost shrimp, moon snails, mud shrimp, mussels, sea hares, worms, gaper clams.</p> <p>Eelgrass and other intertidal species.</p> <p>Brown Pelicans, Double-crested Cormorant, Least Tern, Caspian Terns, Grebes, Loons, Red-necked Phalaropes</p> <p>Harbor seal, southern sea otter.</p> <p>Bat ray, leopard shark, California halibut, English sole, starry flounder, surf smelt, top smelt, black surfperch, pile surfperch, rainbow surfperch, shiner surfperch, walleye surfperch, white surfperch.</p> |
| Moro Cojo State Marine Reserve | No take. | Same as Elkhorn Slough SMR | Same as Elkhorn Slough SMR | Same as Elkhorn Slough |

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| Soquel Hole State Marine Conservation Area | Allows commercial and recreational take of pelagic finfish. | Goal 1 – Obj. 1-3 Goal 2 – Obj. 1-3 Goal 3 – Obj. 1, 2 Goal 4 – Obj. 1, 2 Goal 5 – Obj. 1 | <p>Protect natural diversity, abundance and size structure of species associated with submarine canyon including deepwater fish and invertebrate species (Goal 1, Objective 1).</p> <p>Protect area of diverse habitat including hard and soft bottom and submarine canyon habitat over large range of depths representative of or unique to Monterey Bay. (Goal 1, Objectives 1 and 2; Goal 4 Objectives 1 and 2)</p> <p>Help restore overfished groundfish species by maintaining large individuals of species such as bocaccio, canary and yelloweye rockfish in an area that serves as natural refugia for these species. (Goal 1, Objective 3; Goal 2, Objectives 1, 2, 3)</p> <p>Reduce potential socio-economic impacts to fishing associated with by allowing take of pelagic species (Goal 5, Objective 1)</p> | <p>Dungeness crab, market squid, sea stars, gorgonians, corals, sponges.</p> <p>Gray whale, harbor porpoise.</p> <p>Boccacio, cowcod, rockfish (aurora rockfish, bank rockfish, canary, yelloweye, greenspotted, greenstriped, widow, bank, chilipepper, flag, rosy, speckled, starry, yellowtail, vermilion), lingcod.</p> <p>Sole (Dover, English, petrale, rex, sand, slender), surfperch (shiner and walleye), sanddabs, leopard shark.</p> <p>Common Murre, Northern Fulmar, Shearwaters.</p> |
| Portuguese Ledge State Marine Conservation Area | Allows commercial and recreational take of pelagic finfish. | Goal 1 – Obj. 1-3 Goal 2 – Obj. 1-3 Goal 4 – Obj. 2 Goal 5 – Obj. 1, 3 | <p>Help to restore depleted groundfish populations by protecting diverse range of rocky reef and soft-bottom habitats (Goal 1, Objectives 1-3; Goal 2 Objectives 1-3)</p> <p>Protect natural diversity, abundance, and size structure of benthic and deepwater species typical of Monterey Bay deepwater habitat (Goal 2 Objectives 1-3)</p> <p>Protect mid-depth and deep rocky and sandy habitats representative of the region or unique to Monterey Bay (Goal 4, Objectives 1 and 2)</p> <p>Reduce potential socio-economic impacts to fishing associated with by allowing take of pelagic species (Goal 5, Objective 1)</p> | <p>Dungeness crab, market squid, sea stars, gorgonians, corals, sponges, spot prawns.</p> <p>Aurora, bank, bocaccio, canary, yelloweye, cowcod, greenspotted, greenstriped, widow, chilipepper, flag, rosy, speckled, starry, yellowtail, and vermilion rockfish; lingcod.</p> <p>Sole (Dover, English, petrale, rex, sand, slender), surfperch (shiner and walleye), sanddabs, leopard shark.</p> <p>Gray whale, harbor porpoise.</p> |

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| | | | | Common Murre, Rhinoceros auklet, Northern Fulmar, Shearwaters. |
| Ed Ricketts State Marine Conservation Area | Allows recreational take of finfish by hook and line and commercial take of kelp by hand north of latitude 36.61333 (the Chart House Restaurant). | Goal 1 – Obj. 1, 3 Goal 3 – Obj. 1, 2 Goal 4 – Obj. 2 | <p>Protect intertidal and nearshore habitats, such as rocky reef and kelp beds, representative of Monterey Bay (Goal 4, Obj. 2)</p> <p>Protect areas of high species diversity and maintain species diversity and abundance, consistent with natural fluctuations, of invertebrate populations in representative habitats (Goal 1, Objective 3).</p> <p>Ensure some MPAs are close to population centers, such as the Monterey Peninsula, and research and education institutions, such as Hopkins Marine Station and California State University, Monterey Bay and are accessible for recreational, educational, and study opportunities. (Goal 3, Objective 1)</p> <p>Provide area open to fishing to allow for comparative studies with no-take areas (Goal 3, Objective 2)</p> | <p>Black and red abalone;</p> <p>Black, black-and-yellow, blue, copper, gopher, kelp, olive, and vermillion rockfish; lingcod; cabezon; California halibut</p> <p>Southern sea otters; California sea lions; harbor seals</p> |
| Hopkins State Marine Reserve | No take. | Goal 1 – Obj. 1, 3, 4 Goal 2 – Obj. 2 Goal 3 – Obj. 1-4 Goal 4 – Obj. 2 Goal 5 – Obj. 1 | <p>Protect intertidal and nearshore habitats, such as rocky reef and kelp beds, representative of Monterey Bay (Goal 4, Obj. 2)</p> <p>Maintain natural diversity, abundance and size structure of nearshore species typical of rocky reef and kelp habitats (Goal 1 Objectives 1, 3, and 4; Goal 2, Objective 2)..</p> <p>Enhance non-consumptive recreational and scientific research opportunities at no-take site of traditional high research value and adjacent to comparable fished areas. (Goal 3, Objectives 1-4)</p> | <p>Giant kelp and intertidal algal species.</p> <p>Limpets, littleneck clams, moon snails, mussels, rock scallop, sea hares, sea stars, turban snails, worms.</p> <p>May provide some benefit to resident nearshore fish species and those with limited movement patterns such as: Lingcod, rockfish (black, black-and-yellow, blue, brown, copper, grass,, gopher, kelp, olive, kelp greenling), cabezon, monkeyface prickleback, California halibut</p> <p>Harbor seal, southern sea otter.</p> |

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| Pacific Grove State Marine Conservation Area | Allows commercial take of kelp by hand. Allows recreational take of finfish. | Goal 1 – Obj. 2, 3 Goal 2 – Obj. 1-3 Goal 3 – Obj. 1-3 Goal 4 – Obj. 2 Goal 5 – Obj. 2 | <p>Protect rocky intertidal and nearshore habitats, including shallow sand/rock and kelp beds (Goal 4, Obj. 2).</p> <p>Protect natural diversity, abundance, and size and age structure and genetic diversity of invertebrate populations in rocky and soft bottom intertidal and subtidal habitats.(Goal 1, Objective 3)</p> <p>Protect larval sources and enhance reproductive capacity of crustacean and mollusk species associated with shallow granitic and soft bottom habitats, including kelp beds, through retention of large, mature individuals. (Goal 2, Objectives 2 and 3)</p> <p>Provide recreational and study opportunities close to population centers such as the Monterey Peninsula and to research and education institutions, such as Hopkins Marine Station and California State University, Monterey Bay (Goal 3, Objectives 1, 2 and 3)</p> | Blue, black, olive, gopher, black-and-yellow, kelp, vermillion and copper rockfishes; kelp greenling, lingcod, cabezon; pile, rubberlip, striped, black and rainbow surfperches. |
| Carmel Pinnacles State Marine Reserve | No take. | Goal 1 – Obj. 1-5 Goal 2 – Obj. 1, 2 Goal 3 – Obj. 1-4 Goal 4 – Obj. 1, 2 Goal 5 – Obj. 1, 2 | <p>Protect representative intertidal and nearshore rocky reef, pinnacle, and kelp habitats (Goal 4, Objs. 1 and 2)</p> <p>Protect areas of high species diversity and maintain natural diversity, abundance and size structure of species in granitic and soft bottom habitats, including pinnacles (Goal 1, Objectives 1-5; Goal 2, Objectives 1 and 2)</p> <p>Provide no-take SMRs close to population centers and research institutions, including in areas of traditional non-consumptive recreational use, such as scuba diving, and are accessible for recreational, educational, and study opportunities. (Goal 3, Objective 1)</p> <p>Protect or enhance recreational experience by ensuring natural size and age structure of marine populations in soft bottom and rocky habitat, including pinnacles, within scuba diving depth range. (Goal 3, Objective 4)</p> | blue, black, olive, vermillion, kelp, black-and-yellow, gopher, and china rockfish, California sheephead, cabezon, pile and rubberlip surfperch |

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| Carmel Bay State Marine Conservation Area | Allows recreational take of finfish and commercial take of kelp by hand | Goal 1 – Obj. 3 Goal 2 – Obj. 1-3 Goal 3 – Obj. 1-3 Goal 4 – Obj. 1, 2 Goal 5 – Obj. 2 | <p>Protect natural diversity, abundance, and size and age structure and genetic diversity of invertebrate populations in rocky and soft bottom intertidal and subtidal habitats.(Goal 1, Objective 3)</p> <p>Protect larval sources and enhance reproductive capacity of crustacean and mollusk species associated with shallow granitic and soft bottom habitats, including kelp beds, through retention of large, mature individuals. (Goal 2, Objectives 2 and 3)</p> <p>Provide recreational and study opportunities close to population centers such as the Monterey Peninsula and to research and education institutions, such as Hopkins Marine Station and California State University, Monterey Bay (Goal 3, Objectives 1, 2 and 3)</p> | blue, black vermillion, copper, gopher, olive, black-and-yellow, grass, and kelp rockfish, kelp greenling, California halibut, kelp bass, opaleye, rubberlip, black, and pile surfperch, leopard shark, California sheephead, lingcod, cabezon, wolf eel |
| Point Lobos State Marine Reserve | No take. | Goal 1 – Obj. 1-5 Goal 2 – Obj. 1, 2 Goal 3 – Obj. 1-4 Goal 4 – Obj. 1, 2 Goal 5 – Obj. 1, 3 | <p>Protect natural diversity, abundance, and size structure of fish and invertebrate species characteristic of nearshore habitats (Goal 1, Objectives 1, 3-5; Goal 3, Objective 4).</p> <p>Protect rocky intertidal, kelp bed, pinnacles rocky reef, sandy bottom , and submarine canyon habitats representative of the region (Goal 4, Objectives 1 and 2)</p> <p>Protect natural trophic structure and food webs including forage species like squid and other coastal pelagic species that serve as prey for other fish, seabirds and marine mammals. (Goal 1, Objectives 4 and 5)</p> <p>Help protect populations of overfished rockfish (including bocaccio, canary and yelloweye) (Goal 2, Objective 1)</p> <p>Expand existing educational and interpretive opportunities on the role of SMRs for the public (Goal 3, Obj.1 and 3)</p> <p>Reduce potential socio-economic impacts to fishing associated with SMR that meets MPF Science guidelines (Goal 5, Objective 1)</p> | <p>Lingcod, black, black-and-yellow, blue, brown, China, Copper, grass, gopher, olive, kelp, and vermillion rockfish, cabezon, kelp greenling, monkeyface prickleback.</p> <p>Giant kelp, intertidal algae.</p> <p>Market squid, limpets, little neck clams, moon snails, mussels, rock scallop, sea hares, sea stars, turban snails, worms.</p> <p>Southern sea otter, harbor seal.</p> <p>Brandt's cormorant, brown pelican, double-crested cormorant, pelagic cormorant, loons, scoters.</p> |
| Point Lobos State Marine | Allows recreational | Goal 1 – Obj. 1, 3-5 Goal 2 – Obj. 1-3 | Protect natural diversity, abundance, and size structure of benthic fish and invertebrate species characteristic of | Southern sea otter, harbor seal. |

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| Conservation Area | and commercial take of pelagic finfish, squid, and spot prawns. | Goal 3 – Obj. 2 Goal 4 – Obj. 1, 2 Goal 5 – Obj. 1, 3 | <p>offshore habitats (Goal 1, Objectives 1 and 3).</p> <p>Protect rocky reef, pinnacles, sandy bottom, and submarine canyon habitats representative of the region (Goal 4, Objectives 1 and 2)</p> <p>Protect natural trophic structure and food webs including forage species (except squid) that serve as prey for other fish, seabirds and marine mammals. (Goal 1, Objective 4)</p> <p>Help protect populations of overfished rockfish (including bocaccio, canary and yelloweye) (Goal 2, Objectives 1 and 2)</p> <p>Reduce potential socio-economic impacts to fishing associated with by allowing take of pelagic species (Goal 5, Objective 1)</p> | <p>Gorgonians, corals and sponges.</p> <p>Bocaccio, canary, yelloweye, cowcod, greenspotted, greenstriped, canary, widow, bank, chilipepper, flag, rosy, speckled, starry, yellowtail, and vermilion rockfish, lingcod.</p> <p>Brandt's cormorant, Brown pelican, Double-crested Cormorant, Pelagic Cormorant, Loons, Scoters.</p> |
| Point Sur State Marine Reserve | No take. | Goal 1 – Obj. 1-5 Goal 2 – Obj. 1, 2 Goal 3 – Obj. 1-3 Goal 4 – Obj. 1, 2 Goal 5 – Obj. 1 | <p>Protect upwelling cell in lee of headland with unique oceanographic conditions, diverse and especially high quality habitats including most extensive rocky reef and largest and most persistent kelp forest in Central Coast, include surfgrass beds, sandy beach, rocky intertidal, and soft and hard bottom habitat (Goal 1, Objs 1 and 2, 5; Goal 4, Objectives 1 and 2)</p> <p>Protect natural diversity, abundance, and age and size of fish and invertebrate populations associated with habitats in this area (Goal 1, Objectives 1, 3, 5)</p> <p>Protect natural trophic structure and food webs including forage species that serve as prey for other fish, seabirds and marine mammals. (Goal 1, Objectives 4 and 5)</p> <p>Help protect populations of overfished rockfish species including bocaccio, yelloweye and canary. (Goal 2, Objective 1).</p> <p>Reduce potential socio-economic impacts to fishing associated with SMR that meets MPF Science guidelines (Goal 5, Objective 1)</p> | <p>Lingcod, black, black-and-yellow, blue, brown, China, copper, grass, gopher, olive, kelp, bocaccio, canary, yellowtail, yelloweye and vermilion rockfish, cabezon, kelp greenling, monkeyface prickleback,.</p> <p>Sole (Dover, English, petrale), sand dab.</p> <p>Market squid, Dungeness crab, sea stars, spot prawns, worms.</p> <p>Ashy Storm-Petrel, Brandt's cormorant, Cassin's auklet, Common murre, pelagic cormorant, pigeon guillemot, western gull.</p> <p>Giant kelp and other algal species.</p> |

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| Point Sur State Marine Conservation Area | Allows recreational and commercial take of pelagic finfish. | Goal 1 – Obj. 1-5 Goal 2 – Obj. 1-3 Goal 3 – Obj. 2 Goal 4 – Obj. 2 Goal 5 – Obj. 1, 3 | <p>Protect upwelling center, intertidal, and soft and hard bottom habitat representative of the Central Coast (Goal 1, Obj. 2 and 2, 5; Goal 4, Obj 2)</p> <p>Protect natural diversity, abundance, and age and size of benthic fish and invertebrate populations associated with offshore habitats– indicator species TBD (Goal 1, Objectives 3; Goal 2, Objective 3)</p> <p>Protect natural trophic structure and food webs including forage species that serve as prey for other fish, seabirds and marine mammals. (Goal 1, Objective 4)</p> <p>Help protect healthy populations of overfished rockfish species including bocaccio, yelloweye and canary. (Goal 2, Objective 1).</p> <p>Reduce potential socio-economic impacts to fishing associated with by allowing take of pelagic species (Goal 5, Objective 1)</p> | <p>Brown rock crab, Dungeness crab, market squid, red rock crab, sea stars, spot prawn, worms</p> <p>Bank, black, blackgill, blue, bocaccio, calico, canary, chilipepper, copper, cowcod, darkblotched, flag, greenblotched, greenspotted, greenstriped, olive, pink, quillback, redbanded, rosy, speckled, starry, vermillion, widow, yelloweye, and yellowtail rockfish lingcod, Dover sole, English sole, sand dab, Petrale sole pacific hagfish.</p> <p>Brandt's cormorant, brown pelican, common murre, fulmars</p> <p>Grey whale</p> |
| Julia Pfeiffer Burns State Marine Reserve | No Take. | Goal 1 – Obj. 1-5 Goal 2 – Obj. 1, 2 Goal 3 – Obj. 2, 4 Goal 4 – Obj. 1, 2 Goal 5 – Obj. 1, 2 | <p>Protect natural diversity, abundance, and size structure of fish and invertebrate species characteristic of nearshore, shallow and deep rock and canyon habitats (Goal 1, Objectives 1 and 3; Goal 3 Obj 4).</p> <p>Protect rocky intertidal, kelp bed, pinnacle, shallow and deep rocky reef, sandy bottom, and submarine canyon habitats representative of the region (Goal 4, Objectives 1 and 2)</p> <p>Help protect and rebuild populations of bocaccio, cowcod, canary, widow, , and yelloweye rockfish through protection of their adult and/or juvenile stages and the habitats and ecosystem functions upon which they rely (Goal 2, Obj 1). . Protect larval sources and enhance reproductive capacity of shallow and deep rocky and soft bottom species most likely to benefit from MPAs, such as blue and vermillion rockfishes, lingcod, cabezon, black and red abalone, and California halibut, through retention of large, mature individuals. (Goal 2, Objective 2)</p> | <p>Blue, black, olive, gopher, black-and-yellow, kelp, vermillion, copper, half banded, pygmy, bocaccio, shortbelly, and rosy rockfishes; kelp greenling, lingcod, cabezon; pile, rubberlip, striped, black, and rainbow surfperches, speckled and Pacific sanddab, blackeye goby, painted greenling, chinook salmon, California halibut, California sheephead, white sea bass, Pacific sardine, northern anchovy, flounders, rock crabs, sea otter</p> |

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| Julia Pfeiffer Burns State Marine Conservation Area | Allows recreational and commercial take of pelagic finfish, squid, and spotprawns. | Goal 1 – Obj. 1-5 Goal 2 – Obj. 1, 2 Goal 3 – Obj. 2, 4 Goal 4 – Obj. 1, 2 Goal 5 – Obj. 2 | <p>Protect natural diversity, abundance, and size structure of benthic fish and invertebrate species characteristic of offshore deep rock, sand, and canyon habitats (Goal 1, Objectives 1 and 3; Goal 3 Obj 4).</p> <p>Protect deep rocky reef, sandy bottom, and submarine canyon habitats representative of the region (Goal 4, Objectives 1 and 2)</p> <p>Help protect and rebuild populations of bocaccio, cowcod, canary, widow, , and yelloweye rockfish through protection of their adult and/or juvenile stages and the habitats and ecosystem functions upon which they rely (Goal 2, Obj 1).</p> <p>Protect larval sources and enhance reproductive capacity of shallow and deep rocky and soft bottom species most likely to benefit from MPAs, such as blue and vermilion rockfishes, lingcod, cabezon, black and red abalone, and California halibut, through retention of large, mature individuals. (Goal 2, Objective 2)</p> <p>Reduce potential socio-economic impacts to fishing associated with by allowing take of pelagic species (Goal 5, Objective 1)</p> | Blue, black, olive, gopher, black-and-yellow, vermilion, copper bocaccio, shortbelly, and rosy rockfishes; lingcod, cabezon; speckled and Pacific sanddab, blackeye goby, painted greenling, chinook salmon, California halibut, white sea bass, Pacific sardine, northern anchovy, flounders |
| Big Creek State Marine Reserve | No take. | Goal 1 – Obj. 1-5 Goal 2 – Obj. 1, 2 Goal 3 – Obj. 2, 4 Goal 4 – Obj. 1, 2 Goal 5 – Obj. 1, 3 | <p>Protect natural diversity, abundance, and size structure of fish and invertebrate species characteristic of nearshore, shallow and deep rock and canyon habitats (Goal 1, Objectives 1 and 3; Goal 3 Objective. 4).</p> <p>Protect rocky intertidal, kelp bed, pinnacle, shallow and deep rocky reef, sandy bottom, and submarine canyon habitats representative of the region (Goal 4, Objectives 1 and 2; Goal 1 Objectives 2, 4 and 5)</p> <p>Help protect and rebuild populations of bocaccio, cowcod, canary, widow, and yelloweye rockfish through protection of their adult and/or juvenile stages and the habitats and ecosystem functions upon which they rely (Goal 2, Obj 1 and 2).</p> <p>Protect larval sources and enhance reproductive capacity of shallow and deep rocky and soft bottom species most likely</p> | <p>Black abalone, red abalone, red rock crab, brown rock crab, Dungeness crab, limpets, little neck clams, market squid, moon snails, mussels, purple urchin, red abalone, red rock crab, red urchin, rock scallop, sea hares, sea stars, spot prawn, turban snails, worms</p> <p>bull kelp, giant kelp, other intertidal algae, rock weeds</p> <p>Boccacio, calico, canary, China, gopher, grass, kelp, olive, quillback, starry, vermillion, treefish, and yellow tail rockfish,</p> |

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| | | | <p>to benefit from MPAs, such as blue and vermilion rockfishes, lingcod, cabezon, black and red abalone, and California halibut, through retention of large, mature individuals. (Goal 2, Objective 2)</p> <p>Reduce potential socio-economic impacts to fishing associated with SMR that meets MPF Science guidelines (Goal 5, Objective 1)</p> | <p>kelp greenling , cabezon, California halibut, , leopard shark, lingcod, monkeyface prickleback, pile, rainbow, rubber lip, shiner , and walleye surfperch, Pacific sand dab, , starry flounder, surf smelt, top smelt, treefish, white croaker, wolf eel.</p> <p>Brandt's cormorant, brown pelican, common murre, scoters, fulmars</p> <p>Grey whale, harbor porpoise, southern sea otter</p> |
| Piedras Blancas State Marine Reserve | No take. | <p>Goal 1 – Obj. 1-5 Goal 2 – Obj. 1, 2 Goal 4 – Obj. 2 Goal 5 – Obj. 3</p> | <p>Protect extensive and high value intertidal zone which will be subject to additional visitation due to conversion from private to public ownership of land. (Goal 1, Objective 1)</p> <p>Protect upwelling cell, kelp beds, surfgrass beds, sandy beach, rocky intertidal, and soft and hard bottom habitat (Goal 1, Obj. 1 and 2; 5; Goal 4, Obj 2)</p> <p>Protect natural diversity, abundance, and age and size of fish and invertebrate populations associated with this area (Goal 1, Objectives 3)</p> <p>Protect natural trophic structure and food webs including forage species that serve as prey for other fish, seabirds and marine mammals. (Goal 1, Objective 4)</p> <p>Help protect healthy populations of overfished rockfish species including bocaccio, yelloweye and canary. (Goal 2, Objective 1).</p> <p>Reduce potential socio-economic impacts to fishing associated with SMR that meets MPF Science guidelines (Goal 5, Objective 1)</p> | <p>Black abalone, red abalone, red rock crab, brown rock crab, Dungeness crab, limpets, little neck clams, market squid, moon snails, mussels, purple urchin, red abalone, red rock crab, red urchin, rock scallop, sand crabs, sea hares, sea stars, turban snails, worms</p> <p>bull kelp, giant kelp, other intertidal algae, surf grass, sea palm, rock weeds</p> <p>barred, black, pile, rainbow, rubber lip, shiner, and walleye surfperch, black, black and yellow, blue, brown , bocaccio, chilipepper, flag, green blotched, green spotted, green striped calico, canary, China, cowcod, gopher, grass, kelp, olive, quillback, starry, treefish, vermillion, widow, speckled,</p> |

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| | | | | <p>yellow eye, and yellow tail rockfish, cabezon, bat ray, big skate, California skate, Dover sole, English sole, Pacific hagfish, California halibut, kelp greenling, leopard shark, lingcod, monkeyface pricklyback, petrale sole, Pacific sand dab, starry flounder, surf smelt, top smelt, treefish, white croaker, wolf eel.</p> <p>Brandt's cormorant, brown pelican, pelagic cormorant, pigeon guillemot, scoters, shearwaters, fulmars, red necked phalaropes</p> <p>Grey whale, harbor porpoise, harbor seal, southern sea otter, stellar sea lion, elephant seals</p> |
| Piedras Blancas State Marine Conservation Area | Allows commercial and recreational take of pelagic finfish | <p>Goal 1 – Obj. 1-5 Goal 2 – Obj. 1 Goal 3 – Obj. 1, 4 Goal 5 – Obj. 1, 3</p> | <p>Protect upwelling center and soft and hard bottom habitat representative of the Central Coast (Goal 1, Objs 1 and 2; Goal 4, Obj 2)</p> <p>Protect natural diversity, abundance, and age and size of benthic fish and invertebrate populations associated with offshore habitats– indicator species TBD (Goal 1, Objectives 1, 3 and 4)</p> <p>Protect natural trophic structure and food webs including forage species that serve as prey for other fish, seabirds and marine mammals. (Goal 1, Objective 4)</p> <p>Help protect healthy populations of overfished rockfish species including bocaccio, yelloweye and canary. (Goal 2, Objective 1).</p> <p>Reduce potential socio-economic impacts to fishing associated with by allowing take of pelagic species (Goal 5,</p> | <p>Crabs, sea stars, market squid, and worms</p> <p>Bank, black, blue, bocaccio, calico, canary, chilipepper, copper, cowcod, , flag, greenblotched, greenspotted, greenstriped, olive, pink, quillback, redbanded, rosy, starry, vermilion, widow, yelloweye, and yellowtail rockfish, lingcod, Dover sole, petrale sole, rex sole, sand dab, Pacific hagfish,</p> <p>Brandt's cormorant, brown pelican, pelagic cormorant, pigeon guillemot</p> <p>Grey whale, harbor porpoise, elephant seals</p> |

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| | | | Objective 1) | |
| Cambria State Marine Park | No commercial take. | Goal 3 – Obj. 1-4 Goal 4 – Obj. 2 Goal 5 – Obj. 1 | <p>Protect nearshore habitats, such as rocky intertidal, kelp forests, and rocky reef representative of the Central Coast (Goal 4. Obj. 2)</p> <p>Protect or enhance recreational experience by providing areas with no commercial fishing. (Goal 3, Obj 4)</p> <p>Provide recreational and study opportunities close to population centers Cambria, San Luis Obispo and Morro Bay (Goal 3, Objectives 1, 2 and 3)</p> | <p>Rock crab, black abalone, red abalone,</p> <p>Blue, black, olive, gopher, black-and-yellow, kelp, vermillion, China, and copper rockfishes, pile, rubberlip, striped, black, and rainbow surfperches, kelp greenling, lingcod, cabezon,, flounders,</p> <p>California halibut, white sea bass</p> <p>Southern sea otter</p> |
| Cambria State Marine Reserve | No take. | Goal 1 – Obj. 1, 3-5 Goal 2 – Obj. 1, 2 Goal 3 – Obj. 1-4 Goal 4 – Obj. 2 | <p>Protect nearshore habitats, such as rocky intertidal, kelp forests, and rocky reef representative of the Central Coast (Goal 4. Obj. 2)</p> <p>Protect natural diversity, abundance, and age and size of fish and invertebrate populations associated with this area (Goal 1, Objectives 3)</p> <p>Provide study opportunities close to research facilities such as Ken Norris UC Reserve (Goal 3, Objectives 1-4)</p> | <p>Black abalone, red abalone, brown rock crab, red rock crab, Dungeness crab, limpets, little neck clams, market squid, moon snails, mussels, purple urchin, red urchin, rock scallop, sand crabs, sea hares, sea stars, turban snails, worms</p> <p>bull kelp, giant kelp, other intertidal algae, eel grass, sea palm, rock weeds</p> <p>barred, black, pile, rainbow, rubber lip, shiner, and walleye surfperch, black, black and yellow, blue, bocaccio, brown chilipepper, cowcod, flag, green blotched, green spotted, green striped, calico, canary, china, gopher, grass, kelp, olive, quillback speckled, starry, vermillion, treefish, widow, yellow eye, and yellow tail rockfish, kelp greenling, bat ray, big skate, California skate, Dover sole,</p> |

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| | | | | <p>English sole, Pacific hagfish, cabezon, California halibut, Pacific sanddab, leopard shark, lingcod, monkeyface prickleback, petrale sole, sand dab, starry flounder, surf smelt, top smelt, white croaker, wolf eel</p> <p>Brandt's cormorant, brown pelican, pelagic cormorant, pigeon guillemot, scoters</p> <p>Grey whale, harbor porpoise, harbor seal, short-beaked common dolphin, southern sea otter, stellar sea lion</p> |
| Estero Bluff State Marine Reserve | No take. | <p>Goal 1 – Obj. 1, 3, 4</p> <p>Goal 2 – Obj. 2</p> <p>Goal 3 – Obj. 1-4</p> <p>Goal 4 – Obj. 2</p> | <p>Protect natural diversity, abundance, and size structure of intertidal species characteristic of area south of Big Sur coast. (Goal 1, Objectives 1, 3, 4; Goal 2 Objective 2)</p> <p>Enhance research, community education and recreational tide-pooling experience by protecting accessible intertidal area adjacent to State Park. (Goal 3, Objective 1-4)</p> <p>Protect rocky intertidal habitat (Goal 4, Objective 2)</p> | <p>As an intertidal SMR, the only likely species to benefit are algae and invertebrates such as limpets, mussels, sea stars, turban snails, worms, etc.</p> |
| Morro Bay State Marine Conservation Area | Allows recreational take of finfish by hook and line and commercial aquaculture and receiving of bait. | <p>Goal 1 – Obj. 1, 2</p> <p>Goal 2 – Obj. 3</p> <p>Goal 3 – Obj. 1-4</p> <p>Goal 4 – Obj. 1, 2</p> <p>Goal 5 – Obj. 1</p> | <p>Protect representative estuarine habitat (open water, tidal flat, eelgrass beds, coastal marsh) (Goal 1, Objective 2; Goal 4, Objectives 1 and 2).</p> <p>Protect or enhance recreational experience and study opportunities by providing areas with no commercial fishing near population centers such as Morro Bay. (Goal 3, Objectives 1- 4)</p> | <p>Brown rock crab, worms</p> <p>Eel grass, other intertidal algae, sea palm, rock weeds</p> <p>Pile, rainbow, rubberlip, shiner, striped, walleye, and white surfperch; kelp greenling, kelp rockfish, longnose skate, monkeyface prickleback, sand sole, starry flounder, top smelt, surf smelt, white croaker, wolf eel</p> <p>Brandt's cormorant, brown pelican, common murre, double crested cormorant, least tern,</p> |

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| | | | | <p>marbled murrelet, rhinoceros auklet, pelagic cormorant, pigeon guillemot, grebe, scoters</p> <p>Southern sea otter</p> |
| South Morro Bay State Marine Recreational Management Area | No commercial or recreational fishing allowed; hunting of waterfowl permitted. | <p>Goal 1 – Obj. 1-5</p> <p>Goal 2 – Obj. 1, 2</p> <p>Goal 3 – Obj. 1-4</p> <p>Goal 4 – Obj. 1</p> | <p>Protect rare estuarine habitats – open channel, mud flats, eelgrass beds, and coastal marsh, found on the Central Coast (Goal 1, Objectives 1-5; Goal 4, Objective 1):</p> <p>Protect natural age, size structure, and genetic diversity of fish and invertebrate species characteristic of large estuarine system that functions as nursery habitat – especially elasmobranchs (nursery) and flatfish. (Goal 1, Objectives 1-5; Goal 2, Objective 2)</p> <p>Protect natural structure and food web of estuarine system including forage base (invertebrates) for seabirds, etc. (Goal 1, Objective 4)</p> <p>Provide study and educational opportunities by siting SMR in area adjacent to museum and State Parks in a National Estuary Program site (Goal 3, Objectives 1-4)</p> | <p>Pile, rainbow, rubberlip, shiner, striped, walleye, and white surfperch; kelp greenling, kelp rockfish, longnose skate, monkeyface prickleback, sand sole, starry flounder, top smelt, surf smelt, white croaker, wolf eel, and elasmobranchs Worms.</p> <p>Eelgrass, other algae.</p> <p>Brandt's cormorant, brown pelican, common murre, double-crested cormorant, least tern, Rhinoceros auklet, pelagic cormorant, pigeon guillemot, grebe, scoters.</p> <p>Southern sea otter.</p> |
| East Morro Bay State Marine Reserve | No take. | <p>Goal 1 – Obj. 1-5</p> <p>Goal 2 – Obj. 1, 2</p> <p>Goal 3 – Obj. 1-4</p> <p>Goal 4 – Obj. 1</p> | <p>Protect rare estuarine habitats – open channel, mud flats, eelgrass beds, and coastal marsh, found on the Central Coast (Goal 1, Objective 2; Goal 4, Obj 1):</p> <p>Protect natural age, size structure, and genetic diversity of fish and invertebrate species characteristic of large estuarine system that functions as nursery habitat – especially elasmobranchs (nursery) and flatfish. (Goal 1, Objectives 1-5; Goal 2, Obj 2)</p> <p>Protect natural structure and food web of estuarine system including forage base (invertebrates) for seabirds, etc. (Goal 1, Objective 4)</p> <p>Provide study and educational opportunities by siting SMR in area adjacent to museum and State Parks in a National</p> | <p>Pile, rainbow, rubberlip, shiner, striped, walleye, and white surfperch; kelp greenling, kelp rockfish, longnose skate, monkeyface prickleback, sand sole, starry flounder, top smelt, surf smelt, white croaker, wolf eel, and elasmobranchs.</p> <p>Worms, clams, snails.</p> <p>Eelgrass, other intertidal algae.</p> <p>Brandt's cormorant, brown pelican, common murre, double-crested cormorant, least tern, Rhinoceros auklet, pelagic</p> |

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| | | | Estuary Program site (Goal 3, Objectives 1-4) | cormorant, pigeon guillemot, grebe, scoters. Southern sea otter. |
| Point Buchon State Marine Reserve | No take. | Goal 1 – Obj. 1-5 Goal 2 – Obj. 1, 2 Goal 3 – Obj. 2 Goal 4 – Obj. 2 | <p>Protect upwelling cell , shallow and mid-depth rocky reef and largest , kelp forests, surfgrass beds, sandy beach, rocky intertidal, and soft and hard bottom habitat (Goal 1, Objs. 1 and 2, 5; Goal 4, Obj 2)</p> <p>Protect natural diversity, abundance, and age and size of fish (particularly rockfish) and invertebrate populations associated with this area – indicator species TBD (Goal 1, Objectives 3 and 5)</p> <p>Protect natural trophic structure and food webs including forage species that serve as prey for other fish, seabirds and marine mammals. (Goal 1, Objective 4)</p> <p>Help protect healthy populations of overfished rockfish species including bocaccio, yelloweye and canary. (Goal 2, Objective 1).</p> <p>Reduce potential socio-economic impacts to fishing associated with SMR that meets MPF Science guidelines (Goal 5, Objective 1)</p> | <p>Black abalone, brown rock crab, limpets, little neck clams, market squid, moon snails, mussels, purple urchin, red rock crab, red urchin, rock scallop, sea stars, turban snails, worms</p> <p>bull kelp, giant kelp, other intertidal algae, eel grass, sea palm, rock weeds</p> <p>Barred, black, pile, rainbow, and shiner surfperch, bat rays, big skate; black, black and yellow rockfish, blue, bocaccio brown, calico, China, canary, copper, gopher, grass, kelp, olive, quillback, starry, vermillion, widow, yellow eye, and yellow tail rockfish, cabezon, kelp greenling, lingcod, California halibut, California skate, monkeyface prickleback, Pacific sand dab, sand sole, starry flounder,</p> <p>Brown pelican, scoters, grebe, shearwaters, fulmars</p> <p>Grey whale, harbor porpoise, short-beaked common dolphin.</p> |
| Point Buchon State Marine Conservation Area | Allows commercial and recreational take of pelagic | Goal 1 – Obj. 1-5 Goal 2 – Obj. 1-3 Goal 3 – Obj. 2 Goal 4 – Obj. 2 Goal 5 – Obj. 1 | <p>Protect upwelling center and soft and hard bottom habitat representative of the Central Coast (Goal 1, Objs 1 and 2, 5; Goal 4, Obj 2)</p> <p>Protect natural diversity, abundance, and age and size of benthic fish and invertebrate populations associated with</p> | Brown rock crab, red rock crab, Dungeness crab, market squid, moon snails, red rock crab, sea hares, sea stars, spot prawn, worms |

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| | finfish. | | <p>offshore habitats– indicator species TBD (Goal 1, Objective 3 and 4; Goal 2 Obj. 3)</p> <p>Protect natural trophic structure and food webs including forage species that serve as prey for other fish, seabirds and marine mammals. (Goal 1, Objective 4)</p> <p>Help protect healthy populations of overfished rockfish species including bocaccio, yelloweye and canary. (Goal 2, Objective 1).</p> <p>Reduce potential socio-economic impacts to fishing associated with by allowing take of pelagic species (Goal 5, Objective 1)</p> | <p>Blue, brown, bocaccio, calico, canary, copper, cowcod, darkblotched, gopher, greenblotched, greenspotted, greenstriped, olive, quillback, starry, treefish, vermilion, widow, yelloweye, and yellowtail, rockfish; cabezon, California halibut, California skate, kelp greenling, lingcod, Pacific hagfish, Pacific sand dab, white croaker</p> <p>Brown pelican, fulmars</p> <p>Grey whale, short-beaked common dolphin.</p> |
| Purissima State Marine Reserve | No take. | <p>Goal 1 – Obj. 1-5</p> <p>Goal 2 – Obj. 1, 2</p> <p>Goal 3 – Obj. 2</p> <p>Goal 4 – Obj. 2</p> <p>Goal 5 – Obj. 1</p> | <p>Protect shallow and mid-depth rocky reef and kelp forests, surfgrass beds, sandy beach, rocky intertidal, and soft and hard bottom habitat (Goal 1, Objs 1 and 2, 5; Goal 4, Obj 2)</p> <p>Protect natural diversity, abundance, and age and size of fish (particularly rockfish) and invertebrate populations associated with this area (Goal 1, Objective 3)</p> <p>Protect natural trophic structure and food webs including forage species that serve as prey for other fish, seabirds and marine mammals. (Goal 1, Objective 4)</p> <p>Help protect healthy populations of overfished rockfish species including bocaccio, yelloweye and canary. (Goal 2, Objective 1).</p> <p>Reduce potential socio-economic impacts to fishing associated with SMR that meets MPF Science guidelines (Goal 5, Objective 1)</p> | <p>Dungeness crab, rock crab, market squid</p> <p>Black, black-and-yellow, blue, brown, copper, grass, gopher, olive, kelp, and starry rockfish; cabezon, kelp greenling, lingcod, sand sole, barred surfperch.</p> <p>Brown pelican, least tern, pigeon guillemot, Brandt's cormorant, western gull, pacific loon, and sooty shearwater.</p> <p>Harbor seal, southern sea otter.</p> |
| Vandenberg State Marine Reserve | No take. | <p>Goal 1 – Obj. 1-5</p> <p>Goal 2 – Obj. 1, 2</p> <p>Goal 3 – Obj. 2</p> <p>Goal 4 – Obj. 2</p> | <p>Protect area with high seabird, marine mammal, fish and invertebrate species diversity and abundance. (Goal 1, Objective 1)</p> | <p>Dungeness crab, rock crab, market squid</p> |

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| | | Goal 5 – Obj. 1 | <p>Protect habitats associated with unique oceanographic conditions in transition zone including sandy beach, rocky intertidal, soft and hard bottom habitat and kelp forests. (Goal 1, Objective 2; Goal 4, Obj. 2)</p> <p>Protect natural diversity, abundance, and age and size of fish (particularly rockfish) and invertebrate populations associated with this area (Goal 1, Objective 3)</p> <p>Protect natural trophic structure and food webs including forage species that serve as prey for other fish, seabirds and marine mammals. (Goal 1, Objective 4)</p> <p>Help protect healthy populations of overfished rockfish species including bocaccio, yelloweye and canary. (Goal 2, Objective 1).</p> <p>Reduce potential socio-economic impacts to fishing associated with SMR that meets MPF Science guidelines (Goal 5, Objective 1)</p> | <p>Black, black-and-yellow, blue, brown, copper, grass, gopher, olive, kelp, and starry rockfish; cabezon, kelp greenling, lingcod, sand sole, barred surfperch.</p> <p>Brown pelican, least tern, pigeon guillemot, Brandt's cormorant, western gull, pacific loon, sooty shearwater</p> <p>Harbor seal, southern sea otter.</p> |
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